

In re Application of:	Roberto Aiello et al.
Serial No.:	To be assigned
Filed:	March 31, 2004
For:	ULTRA WIDE BAND TRANSMITTER

Copies of the U.S. patents and U.S. patent application publications listed on the enclosed form PTO/SB/08 are not enclosed, in accordance with the waiver of the requirement of 37 C.F.R. § 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 that appears in the Official Gazette Notice (Week No. 31) dated August 5, 2003 and entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003".

In addition, the foreign patent documents and non-patent literature listed on the enclosed form PTO/SB/08 were provided in earlier parent application Serial No. 09/599,969, filed June 21, 2000. Therefore, in accordance with 37 C.F.R. § 1.98(d), a copy of the foreign patent documents and non-patent literature listed on the enclosed form PTO/SB/08 are not enclosed.

It is respectfully requested that the documents listed on the enclosed form PTO/SB/08 be (1) fully considered by the U.S. Patent and Trademark Office in the examination of the above-identified application; and (2) printed on any patent which may issue on this application. It is also respectfully requested that a copy of the enclosed form PTO/SB/08, as considered and initialed by the Examiner, be returned to the undersigned with the next communication in accordance with M.P.E.P. § 609.

This Information Disclosure Statement is filed within three months of the filing date of the above-identified application, pursuant to 37 C.F.R. 1.97(b). Therefore, it is believed that no fee is required in connection with this submission.

Respectfully submitted,

April 7, 2004
Date

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	to be assigned
Filing Date	April 7, 2004
First Named Inventor	Roberto Aiello et al
Art Unit	to be assigned
Examiner Name	to be assigned
Attorney Docket Number	012DIV-124

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,678,204	07-18-1972	Harmuth	
		US- 3,728,632	04-17-1973	Ross	
		US- 4,201,892	05-06-1980	Schmidt	
		US- 4,586,177	04-29-1986	Kaul	
		US- 4,641,317	02-03-1987	Fullerton	
		US- 4,887,266	12-12-1989	Neve et al.	
		US- 4,979,186	12-18-1990	Fullerton	
		US- 5,146,616	09-08-1992	Tang et al.	
		US- 5,253,202	10-12-1993	Bronner	
		US- 5,274,271	12-28-1993	McEwan	
		US- 5,307,079	04-26-1994	Ross et al.	
		US- 5,319,218	06-07-1994	Kim et al.	
		US- 5,355,374	10-11-1994	Hester et al.	
		US- 5,363,108	11-08-1994	Fullerton	
		US- 5,473,668	12-05-1995	Nakahara	
		US- 5,537,414	07-16-1996	Takiyasu et al.	
		US- 5,546,022	08-13-1996	D'Souza et al.	
		US- 5,627,829	05-06-1997	Gleeson et al.	
		US- 5,644,576	07-01-1997	Bauchot et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0 307 962 A2	03-22-1989	Sonetaka		
		EP 0 307 962 A3	05-16-2000	Sonetaka		
		WO 91/07030 A1	05-16-1991	Nolam et al.		
		WO 95/23461 A1	08-31-1995	Hirt		
		WO 97/21294 A2	06-12-1997	Trompower		
		EP 0 817 399 A2	01-07-1998	Roberts et al.		

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet **2** of **4****U. S. PATENT DOCUMENTS**

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		US- 5,677,927	10-14-1997	Fullerton et al.	
		US- 5,687,169	11-11-1997	Fullerton	
		US- 5,687,200	11-11-1997	Berger	
		US- 5,742,592	04-21-1998	Scholefield et al.	
		US- 5,790,551	08-04-1998	Chan	
		US- 5,815,537	09-29-1998	Janssen	
		US- 5,832,035	11-03-1998	Fullerton	
		US- 5,901,172	05-04-1999	Fontana et al.	
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		US- 5,926,501	07-20-1999	Souissi et al.	
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		US- 6,014,374	01-11-2000	Paneth et al.	
		US- 6,031,862	02-29-2000	Fullerton et al.	
		US- 6,055,411	04-25-2000	Ishida et al.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0817399 A3	07-10-1998	Roberts et al.		
		EP 0 825 794 A2	02-25-1998	Agrawal et al.		
		EP 0 825 794 A3	01-12-2000	Agrawal et al.		
		WO 98/27670 A1	06-25-1998	Wood		

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		US- 6,091,717	07-18-2000	Honkasalo et al.	
		US- 6,094,464	07-25-2000	Ebringer et al.	
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		US- 6,178,217 B1	01-23-2001	Defries et al.	
		US- 6,226,277 B1	05-01-2001	Chauh	
		US- 6,243,583 B1	06-05-2001	Tsutsui et al.	
		US- 6,246,377 B1	06-12-2001	Aiello et al.	
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		US- 6,278,713 B1	08-21-2001	Campbell et al.	
		US- 6,285,662 B1	09-04-2001	Watanabe et al.	
		US- 6,285,873 B1	09-04-2001	Quick, Jr.	
		US- 6,347,084 B1	02-12-2002	Hulyalker et al.	
		US- 6,385,461	05-07-2002	Raith	
		US- 6,449,265	09-10-2002	Prieto	
		US- 6,519,460	02-11-2003	Haartsen	
		US- 6,539,213 B1	03-25-2003	Richards et al.	
		US-			

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Sheet 4	of 4	Attorney Docket Number	012DIV-124

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		J. Husted et al., "A Time-Division Multiple-Access System For The Defense Satellite Communication System", 1970 Eascon PP .229-237, October 1970.	
		L. Roberts, "Aloha Packet System With and Without Slots and Capture", Computer Communication Review, Vol.5, No.2, PP. .28-41, April 1975.	
		"IEEE Standards for Local Area Networks: Carrier Sense Multiple Access with Collision Detection", ANSI/IEEE Std. 802.3-1985, The Institute of Electronic and Electrical Engineers, pp.1-143, December 1984	
		B. Schneier, Applied Cryptography, Chapter 10, Sec. 10.3, 12.2, pp. 216-220, 270-278, John Wiley & Sons, Inc., October 1995.	
		"Information technology-Open Systems Interconnection-Basic Reference Model: The Basic Mode", ISO/IEC 7498-1:1994(E), pp.I-59, cocrected and reprinted June 15, 1996	
		"Radio Equipment and Systems (RES); High Performance Radio Local Area Network (HIPERLAN), Type 1 Function Specification", European Telecommunication Standards Institute, pp. 1-115, December 1997.	
		M. Win, "ATM-Based TH-SSMA Network for Multimedia PCS", IEEE Journal on Selected Areas in Communication, Vol. 17, No.5, .824-836, May 1999.	
		S. Ramsey et al., "A Wireless Photoconductive Receiver Using Impulse Modulation and Direct Sequence Code Division", Microwave Photonics, .265-268, November 17, 1999.	

Examiner Signature		Date Considered	
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